

SEQUENCE LISTING

GENERAL INFORMATION:

(i)

APPLICANT: PEREGRINO FERREIRA, Paulo;

5 GESSIEN KROON, Erna;

PIMENTA DOS REIS, Karlisson Jennner;

BIAS FORTES FERRAZ, Isabella;

CERQUEIRA LEITE, Romulo.

(ii)

10 TITLE OF INVENTION: Method and composition for the diagnosis of equine
infectious anemia virus disease by using the recombinant capsid protein virus
(p26)

(iii)

NUMBER OF SEQUENCES: 1

15 (iv)

CORRESPONDENCE ADDRESS:

(A)

ADDRESSEE: Universidade Federal de Minas Gerais - CTIT

(B)

20 STREET: Avenida Antônio Carlos, 6627 Bairro São Francisco

(C)

CITY: Belo Horizonte

(D)

STATE: Minas Gerais

25 (E)

COUNTRY: BRAZIL

(F)

ZIP: 31270-901

(v)

30 COMPUTER READABLE FORM:

(A)

MEDIUM TYPE: diskette – 3.50 inch, 1.44 Mb storage

(B)

COMPUTER: IBM compatible

(C)

5 OPERATING SYSTEM: Windows 98

(D)

SOFTWARE: Office premium

(vi)

CURRENT APPLICATION DATA:

10 (A)

APPLICATION NUMBER: U.S. 09/331.262

(B)

FILING DATE:

(C)

15 CLASSIFICATION: C12Q1/70

(vii)

PRIOR APPLICATION DATA

(A)

APPLICATION NUMBER: PI 9606273-8

20 (B)

FILING DATE: 18-DEC-1996

(2)

INFORMATION FOR SEQ ID NO:1:

(i)

25 SEQUENCE CHARACTERISTICS:

(A)

LENGHT: 252 amino acids

(B)

TYPE: amino acid

30 (D)

TOPOLOGY: linear

(ii)

MOLECULE TYPE : protein

(vi)

5 ORIGINAL SOURCE

(A)

ORGANISM : equine infectious anemia virus

(ix)

FEATURE:

10 (A)

NAME: p26

(x)

PUBLICATION INFORMATION

(A)

15 AUTHORS:

(B)

TITLE: (

C)

JOURNAL:

20 (D)

VOLUME:

(F)

PAGES:

(G)

25 DATE:

(xi)

SEQUENCE DESCRIPTION: SEQ ID NO:1

His His His His His His Gly Ser Pro Gly Asn Pro Leu Thr Trp

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	Ser Lys Ala Leu Lys Lys Leu Glu Lys Val Thr Val Gln Gly Ser	
	20	25 30
	Gln Lys Leu Thr Thr Gly Asn Cys Na Trp Ala Leu Ser Leu Val	
	35	40 45
5	Asp Leu Phe His Asp Thr Asn Phe Val Lys Glu Lys Asp Trp Gln	
	50	55 60
	Leu Arg Asp Val Ile Pro Leu Leu Glu Asp Val Thr Gln Thr Val	
	65	70 75
	Ser Gly Gln Glu Arg Glu Ala Phe Glu Arg Thr Trp Trp Ala Ile	
10	80	85 90
	Ser Ala Val Lys Met Gly Leu Gln Ile Asn AsnVal Val Asp Gly	
	95	100 105
	Lys Ala Ser Phe Gln Leu Leu Arg Ala Lys Tyr Glu Lys Lys Thr	
	110	115 120
15	Ala Asn Lys Lys Gln Ser Glu Pro Ser Glu Glu Tyr Pro Ile Met	
	125	130 135
	Ile Asp Gly Ala Gly Asn Arg Asn Phe Arg Pro Leu Thr Pro Arg	
	140	145 150
	Gly Tyr Thr Thr Trp Val AsnThr Ile Gln Thr Asn Gly Leu Leu	
20	155	160 165
	Asn Glu Ala Ser Gln Asn Leu Phe Gly Ile Leu Ser Val Asp Cys	
	170	175 180
	Thr Ser Glu Glu Met Asn Ala Phe Leu Asp Val Val Pro Gly Gln	
	185	190 195
25	Ala Gly Gln Lys Gln Ile Leu Leu Asp Ala Ile Asp Lys Ile Ala	
	200	205 210
	Asp Asp Trp Asp Asn Arg His Pro Leu Pro Asn Ala Pro Leu Val	
	215	220 225
	Ala Pro Pro Gln Gly Pro Ile Pro Met Thr Ala Arg Phe Ile Arg	
30	230	235 240
	Gly Leu Gly Val Pro Arg Glu Arg Gln Met Glu Pro	
	245	250

Asn Cys Val Val Gln Ser Phe Gly Val Ile Gly Gln Ala His Leu.

260

265

270

Glu Leu Pro Arg Pro Asn Lys Arg Ile Arg Asn Gln. Ser Phe Asn

275

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285

5 Gln Tyr Asn Cys Ser Ile Asn. Asn Lys Thr Glu Leu Glu Thr Trp

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Lys Leu.Val Lys Thr Ser Gly Val Thr Pro Leu Pro. Ile Ser Ser

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Glu Ala Asn Thr Gly Leu

320

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